**PART NUMBER 0555081**

# Adaptive LED Headlights – Model 8791 Adaptive 2

## PRODUCT INFORMATION

| | |
|---|---|
| **Description** | 12V DOT/ECE LED High and Low Beam Adaptive Pedestal Headlight with Chrome Inner Bezel |
| **Height** | 180.00 mm / 7.09 in |
| **Width** | 180.00 mm / 7.09 in |
| **Depth** | 94.00 mm / 3.7 in |
| **Shape** | Round |
| **Outer Lens Material** | Polycarbonate |
| **Outer Lens Color** | Clear |
| **Housing Material** | Aluminum |
| **Housing Color** | Black |
| **Bezel Color** | Chrome |
| **Mounting Hardware Description** | 0.75" Pedestal |
| **Retrofits** | Pedestal 7" Round Headlights (PAR56) |
| **Minimum Operating Temperature** | -40 °C / -40 °F |
| **Maximum Operating Temperature** | 65 °C / 149 °F |
| **Connector or Wiring** | Bare Leads |
| **Product Weight** | 3.92 lbs / 1.78 kgs |
| **Shipping Weight** | 3.92 lbs / 1.78 kgs |



8791 ADAPTIVE 2

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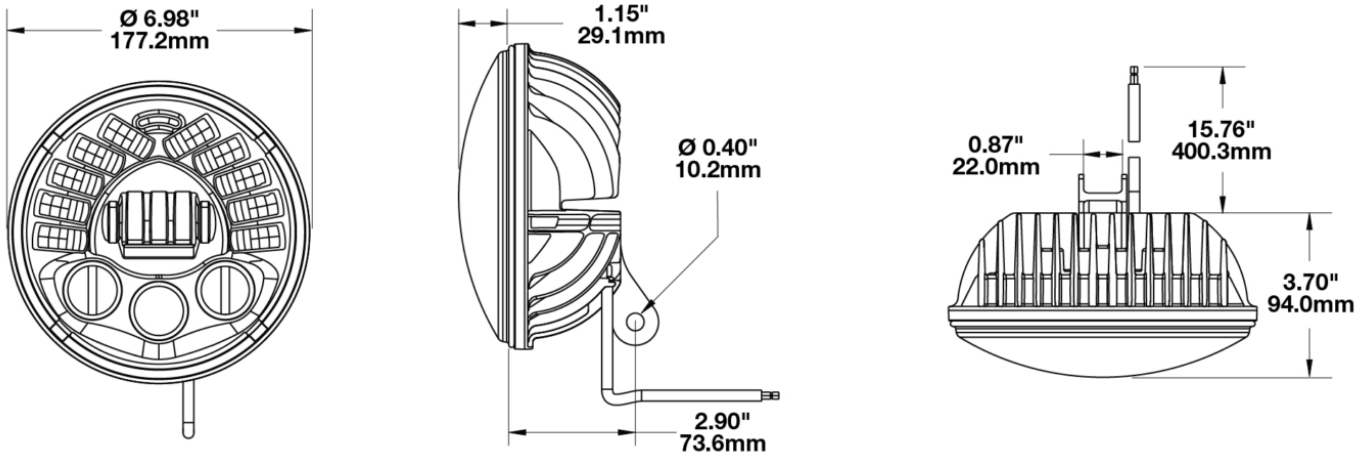
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## PRODUCT DIMENSIONS




## ELECTRICAL SPECIFICATIONS

| | |
|---|---|
| **Input Voltage** | 12V DC |
| **Operating Voltage** | 9-16V DC |
| **Transient Spike Protection** | 150V Peak @ 1 HZ-100 Pulses |
| **Black Wire** | Ground |
| **White Wire** | High Beam |
| **Yellow Wire** | Low Beam |
| **Red Wire** | Front Position |
| **Current Draw** | 2.9A @ 13.5V DC (High Beam)<br>1.9A @ 13.5V DC (Low Beam)<br>0.092A @ 13.5V DC (Front Position)<br>3.5A @ 13.5V DC (Low Beam at Full Lean)<br>4.5A @ 13.5V DC (High Beam at Full Lean) |

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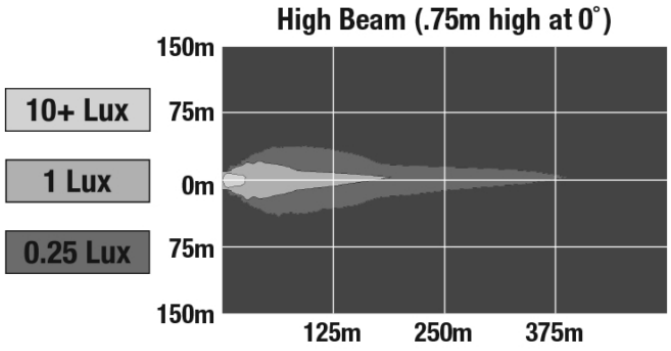
## REGULATORY STANDARDS COMPLIANCE

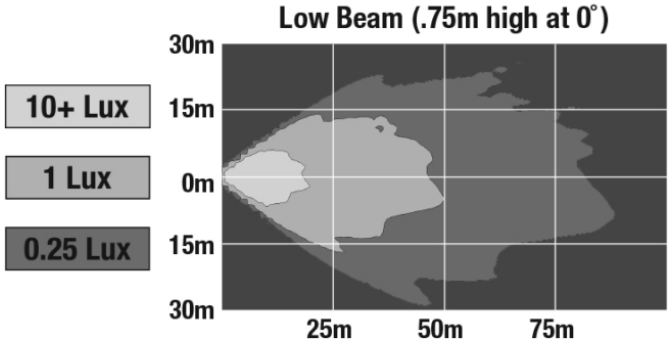



| | |
|---|---|
| Buy America Standards | ECE Reg 113 |
| ECE Reg 50 | Eco Friendly |
| FMVSS 108 s10.1 (Table XX) | IEC IP67 |

## PHOTOMETRIC SPECIFICATIONS

| | |
|---|---|
| **Raw Lumen Output** | 2,250 (High Beam); 2025 (Low Beam) |
| **Effective Lumen Output** | 1,150 (High Beam); 850 (Low Beam) |
| **Candela Output** | 48,000 (High Beam); 11,500 (Low Beam) |
| **Nominal LED Color Temperature** | 5000 K |
| **Beam Pattern(s)** | Forward Lighting - High Beam (DOT/ECE)<br>Forward Lighting - Low Beam (DOT/ECE)<br>Signalization - Front Position |




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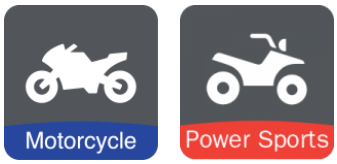
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## APPLICATIONS




## ADDITIONAL INFORMATION

**Improvements over the original Adaptive Series**
The NEW Adaptive 2 Series headlights have been improved to feature Adaptive technology when using the high beam, in addition to the low beam. Providing ditch-to-ditch lighting to eliminate dark corners on sharp turns and a punch of light 1,500 feet down the road to give you a safer and more confident ride.
**Red Wire**
Note about Front Position: The front position light is a requirement outside the United States. **If your bike is operated in the United States you do NOT need to connect this wire (red)** unless your bike is equipped with a front position light.

## PRODUCT WARNINGS

For California residents:
⚠ **WARNING:** Cancer and reproductive harm - www.P65Warnings.ca.gov.
⚠ **AVERTISSEMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov.

## RELATED PRODUCTS



**Part Number 0555071**
12V DOT/ECE LED High and Low Beam Adaptive Pedestal Headlight with Black Inner Bezel

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